

# Erosion along pipeline route described

A new open file report by the U.S. Geological Survey presents results of repeated site surveys and aerial photographs at 26 stream crossings along the trans-Alaska pipeline system during the period 1969-74 and provides chronologic records of channel changes that predate pipeline-related construction at the sites. The 1974 surveys and photographs showsome of the channel changes wrought by construction of the haul road from the Yukon River to Prudhoe Bay and by construction of camps and working pads all long the pipeline route.

No pipeline crossings were

constructed before 1975. These records show that channel changes together with flood and icing measurements are part of the U.S. Department of the Interior's continuing surveillance program to document the hydrologic aspects of the trans-Alaska piepline and its environmental impacts.

The report is entitled "Channel Erosion Surveys along TAPS Route, Alaska, 1974," by Joseph M. Childers and Stanley H. Jones. Duplicated copies are available from Room 316, Skyline Building, U.S. Geological Survey, 218 E Street, Anchorage, AK 99501, and for

inspection only from the U.S. Geological Survey libraries at Room 4A100, Serial Records Unit, Reston, VA 22092, and 345 Middlefield Road, Menlo Park, CA 94025, and the following Public Inquiries Offices: 108 Skyline Building, 508 2nd Avenue, Anchorage, AK 99501; 7638 Federal Building, 300 North Los Angeles Street, Los Angeles, CA 90012; 504 Custom House, 555 Battery Street, San Francisco, CA 94111; 678 Court House, West 920 Riverside Avenue, Spokane, WA 99201.